highest integer whose value is less than P; and the number of information packets in the other frames is P' + 1, the number B being selected such that the average frame rate of said second digital signal is substantially equal to F_s/n_s, and that each frame comprises at least a first frame portion including synchronizing information.

31. A transmitter as claimed in claim 30, where said transmission medium is a record carrier, said transmitter being formed as a device for recording said second digital signal in a track on said record carrier.

32. A receiver for receiving wide-band digital information having a sample frequency F_s transmitted over a transmission medium, having an output at which said information is provided in the form of a first digital signal, and a decoder for receiving said information in the form of an encoded second digital signal which comprises consecutive frames, each frame comprising a plurality of information packets, and each information packet comprising N bits, where N > 1,

characterized in that, in the formula

$$P = \frac{BR}{N} \times \frac{n_s}{F_s}$$

where BR is the bit rate of said second digital signal, and n_s is the average number of samples of said information whose corresponding information in said second signal is included in one frame of said second signal,

if P is an integer, the number of information packets in one frame is P, and

if P is not an integer, the number of information packets in a number B of the frames is P', where P' is the highest integer whose value is less than P; and the number of information packets in the other frames is P' + 1, the number B being selected such that the average frame rate of said second